

Appl. No. 09/521,641
Amdt. dated April 28, 2004
Reply to Office Action of Oct. 29, 2003

REMARKS

In view of both the amendments presented above and the following discussion, the Applicants submit that none of the claims now pending in the application are obvious under the provisions of 35 USC § 103. Thus, the Applicants believe that all of these claims are now in allowable form.

If the Examiner believes that there are any unresolved issues in any of the claims now pending in the application, the Examiner is urged to telephone George Wolken Jr., Esq. at (408) 567-0340 so that appropriate arrangements can be made for resolving such issues as expeditiously as possible.

Drawings

Corrected drawings are attached hereto meeting the objections of the examiner. In addition to the drafting corrections required by the examiner, call-out number 50 was inadvertently omitted from Fig. 2 and has now been added.

Substitute Specification

A substitute specification is attached hereto meeting the objections of the examiner. No new matter has been added.

Amendments to the Specification

One paragraph on page 9 has been amended in several ways for different reasons:

a) An obvious misprint has been corrected, removing a duplicate word "with."

b) "Re-Mapping" is inserted as a concise expression denoting the re-mapping fully described in the surrounding specification.

c) The phrase on page 9, lines 8 - 9 is imprecise and inconsistent with page 3, lines 25 - 26, in particular, with respect to the underlined words. From page 9, lines 8 - 9 " ... to represent lower frequencies with more significant bits by mapping higher frequencies with ~~with~~ less significant digits." (underlines added). The changes made by this amendment make the cited phrase from page 9 consistent with the expression of the technology elsewhere in the specification, particularly page 3.

Claim Amendments

Independent claims 1 and 10 have been amended thereby amending claims 2-9 and 11-13 dependent therefrom. Claim 13 was further amended to correct an obvious grammatical error. New claims 14-17 have been added. No claims have been deleted.

Applicants have modified page 9 of the specification to introduce a defined term "Re-Mapping" to indicate the particular re-mapping described in the specification as well as obvious modifications and

Appl. No. 09/521,641
Amdt. dated April 28, 2004
Reply to Office Action of Oct. 29, 2003

equivalents thereof. Applicants respectfully submit that applying this specific term to claims 1-13 renders all such claims patentably distinct from the prior art.

New claims independent 14 and 16 are drawn to various embodiments disclosed but not previously claimed. Claims 14 and 15 relate to the audio synthesis employing overlap-add frames described on page 7, lines 3-15, Figures 2 and 3, among other places in the specification. New claims 16, 17 and 18 relate to the recursive digital oscillator described from page 7, line 16 through page 9, line 12, and, as implemented in moderate-precision arithmetic and, as a specific example, 16-bits (page 6, lines 8-11).

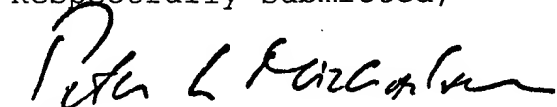
Conclusion

Thus, the Applicants respectfully submit that none of the claims presently in the application are anticipated obvious under the provisions of 35 USC § 103.

Consequently, the Applicants believe that all these claims are presently in condition for allowance. Accordingly, both reconsideration of this application and its swift passage to issue are earnestly solicited.

Respectfully submitted,

April 28, 2004



Peter L. Michaelson, Attorney
Reg. No. 30,090
Customer No. 007265
(732) 530-6671

Appl. No. 09/521,641
Amdt. dated April 28, 2004
Reply to Office Action of Oct. 29, 2003

MICHAELSON & ASSOCIATES
Counselors at Law
Parkway 109 Office Center
328 Newman Springs Road
P.O. Box 8489
Red Bank, New Jersey 07701

Attachments

CERTIFICATE OF MAILING under 37 C.F.R. 1.8(a)

I hereby certify that this correspondence is being deposited on **April 28, 2004** with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450



Signature

30,090
Reg. No.